

PATENT COOPERATION TREATY
PCT
INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter II of the Patent Cooperation Treaty)
(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 20960PCT AWT:MM:KG	FOR FURTHER ACTION See Form PCT/IPEA/416	
International application No. PCT/AU2004/000863	International filing date (<i>day/month/year</i>) 30 June 2004	Priority date (<i>day/month/year</i>) 30 June 2003
International Patent Classification (IPC) or national classification and IPC Int. Cl. ⁷ C08L 101/12, G03G 9/125, G03G 9/097		
Applicant RAUSTECH PTY LTD et al		

<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 3 sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> (<i>sent to the applicant and to the International Bureau</i>) a total of sheets, as follows:</p> <div style="margin-left: 40px;"> <input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions). <input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box. </div> <p style="margin-left: 20px;">b. <input type="checkbox"/> (<i>sent to the International Bureau only</i>) a total of (indicate type and number of electronic carrier(s)) , containing a sequence listing and/or table related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p> <p>4. This report contains indications relating to the following items:</p> <div style="margin-left: 20px;"> <input checked="" type="checkbox"/> Box No. I Basis of the report <input type="checkbox"/> Box No. II Priority <input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability <input type="checkbox"/> Box No. IV Lack of unity of invention <input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement <input type="checkbox"/> Box No. VI Certain documents cited <input type="checkbox"/> Box No. VII Certain defects in the international application <input type="checkbox"/> Box No. VIII Certain observations on the international application </div>	
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Date of submission of the demand 29 April 2005	Date of completion of the report 12 May 2005
Name and mailing address of the IPEA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929	Authorized Officer BAYER MITROVIC Telephone No. (02) 6283 2164

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/AU2004/000863

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language which is the language of a translation furnished for the purposes of:
- ☐ international search (under Rules 12.3 and 23.1 (b))
 - ☐ publication of the international application (under Rule 12.4)
 - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)
2. With regard to the elements of the international application, this report is based on (*replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report*):
- ☒ the international application as originally filed/furnished
- ☐ the description:
- | | | |
|--------|-------------------------------|--------------------|
| pages | as originally filed/furnished | |
| pages* | received by this Authority on | with the letter of |
| pages* | received by this Authority on | with the letter of |
- ☐ the claims:
- | | | |
|--------|---|--------------------|
| pages | as originally filed/furnished | |
| pages* | as amended (together with any statement) under Article 19 | |
| pages* | received by this Authority on | with the letter of |
| pages* | received by this Authority on | with the letter of |
- ☐ the drawings:
- | | | |
|--------|-------------------------------|--------------------|
| pages | as originally filed/furnished | |
| pages* | received by this Authority on | with the letter of |
| pages* | received by this Authority on | with the letter of |
- ☐ a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages
 - ☐ the claims, Nos.
 - ☐ the drawings, sheets/figs
 - ☐ the sequence listing (*specify*):
 - ☐ any table(s) related to the sequence listing (*specify*):
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages
 - ☐ the claims, Nos.
 - ☐ the drawings, sheets/figs
 - ☐ the sequence listing (*specify*):
 - ☐ any table(s) related to the sequence listing (*specify*):

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/AU2004/000863

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims 1-35	YES
	Claims	NO
Inventive step (IS)	Claims 1-35	YES
	Claims	NO
Industrial applicability (IA)	Claims 1-35	YES
	Claims	NO

2. Citations and explanations (Rule 70.7)

The following documents identified in the International Search Report have been considered for the purposes of this report:

D1: Derwent Abstract Accession No.92-170235/21, Class.S06, JP 04-095971 A

D2: US 2003/0008156 A1

D3: Patent Abstract of Japan JP 2001-064487 A

Document D1 discloses a liquid developer for electrostatic photography comprising a liquid of high electric resistance and non-soluble ethylene copolymer resin particles obtained by emulsion polymerisation. However final product is not emulsion but particles suspended in liquid.

Document D2 discloses a composition for electrophoretic deposition comprising a cationic resin emulsion. Document does not disclose high electric resistance but only a low electric conductance liquid, which is common in the art of electrophoretic deposition.

Document D3 discloses a semiconductive composition for use in electrophotography formed by a polymeric emulsion and with dispersion of polypyrrole microparticles. Composition has a high electric resistance. However there is no disclosure of the emulsion.

NOVELTY AND INVENTIVE STEP – CLAIMS 1-35

In light of the above observations it is concluded:

None of the cited documents disclose all of the features of each of the independent claims. Therefore all of the claims are novel and meet the criteria set forth in PCT Article 33(2) for novelty.

The claimed invention is not obvious in the light of any of the cited documents nor is it disclosed in any obvious combination of them. It is also considered that it would not be obvious to a person skilled in the art in the light of common general knowledge either by itself or in combination with any of these documents. Therefore the subject matter of these claims is not obvious and meets the requirements of Article 33(3) PCT with regard to inventive step.